

**DEVELOPING A PROTOTYPE OF DENTAL
APPOINTMENT SYSTEM**

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UNIVERSITY UTARA MALAYSIA

2010

**DEVELOPING A PROTOTYPE OF DENTAL
APPOINTMENT SYSTEM**

**A thesis submitted to the Academic Dean Office in partial Fulfillment
Of the requirement for the degree Master of Science
(Information and Communication Technology)
Universiti Utara Malaysia**

**By
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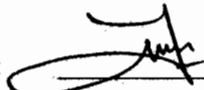
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ABSTRACT

Nowadays, online services used widely in different fields for providing and facilitating user needs. Most of these services give the flexibility and easy to access anytime and anywhere without need to waste the time. The current dental system at Alor Setar Hospital unable to manage and monitor the patients' appointments electronically; thus this proposal attempt to develop a prototype of dental appointment system based on SMS service. The study has been successful designed and developed the proposed system by adopting System Development Life Cycle (SDLC) Methodology in this study. However, the system has been tested on hosting server. Use test case has been generated in this study as a method for measuring the system functionalities among admin and doctors of Alor Setar clinic.

ACKNOWLEDGEMENTS

Praise to Allah for his guidance and blessing for giving me the strength and perseverance to complete this project. I would foremost like to thank my parents, for providing me with the opportunity to pursue my goals and for their love and affection, which has helped me through the most trying times. Equal gratitude goes out to my siblings and brothers. I would like to thank my supervisors: Mr. Khuzairi Bin Mohd Zaini And Mr. Rusdi Bin Md. Aminuddin for their guidance and constant motivation that has enabled me to complete my project work. Moreover, I would also like to thank them for the opportunities that they have made available to me.

BASSFAR, ZAID ASLM

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CHAPTER ONE

INTRODUCTION

1.0 Introduction

The online services reflect the flexible methods for providing the end users with the appropriate facilities, which differ from the traditional mode in the capacity to provide services regardless of temporal and spatial constraints [31]. They are also different from traditional interpersonal services that are delivered face-to-face, or from other types of e-services (e-solution), such as online services, where the service delivery is linked to a specific fixed local area network.

The online dental system allows persons to employ Information Technology without being tied to a single location; it provides greater flexibility than what is possible with desktop. This technology enables users to access the Internet at any time in any location [48, 50].

A suitable use of the online services and wireless technology has given a new application, such as managing and supporting dentist with the appropriate facilities over online services. The ability of online services has been addressed to simplify the notification process for the patient, otherwise improve client services and improve the dentist appointment validation efficiency [49].

The contents of
the thesis is for
internal user
only

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